

Comparisons of Job Characteristics

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

Associated Occupation: Fine Artists, Including Painters, Sculptors, and Illustrators (27-1013)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 51

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Fine Arts	2.2	21.9	3.7	<< Extensive education and/or training may be required
Design	5.2	16.7	8.4	<< Extensive education and/or training may be required
Sales and Marketing	5.2	12.5	8.5	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operations Analysis	5.0	7.6	6.8	< A higher skill level may be required
Management of Financial Resources	3.3	6.2	4.9	< A higher skill level may be required
Management of Material Resources	3.7	5.3	4.9	0 Current skill level may be sufficient
Technology Design	2.6	4.8	3.7	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 70

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Originality	7.6	15.3	7.8	<<	Extensive improvement in abilities may be required
Visual Color Discrimination	6.4	14.5	10.1	<<	Extensive improvement in abilities may be required
Visualization	7.5	14.2	9.4	<<	Extensive improvement in abilities may be required
Fluency of Ideas	7.6	13.2	7.6	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	11.5	15.0	>>	Current ability level is likely more than sufficient
Manual Dexterity	6.5	11.4	10.4	0	Current ability level may be sufficient
Finger Dexterity	7.6	10.2	14.5	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)
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Work Activities	Exclusivity of Activity
Design molds	95
Hand carve objects from stone or other materials	87
Mix paint, ingredients, or chemicals, according to specifications	35
Read technical drawings	7
Solder metal parts or components together	73
Use engraving techniques	89

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.